her	ISBN - 9780618965885		Publisher -	Houghton Mifflin Company		-
ublis	Kentucky Experience Science Student Book			Vide		
the P	Type - P1	Author -	Badders, Carnin	e, Jeanpierre, Felicia	ani, Sumners, Valentino	y
d by	Copyright - 2009	Edition -	1st	Readability -	2.67 SSR Spache	-
ovide	Course - Elementar	y Science		Grade(s) -	3	מטומ
Pro	Teacher Edition ISB	N if applicab	le	·	9780618965670	<u> </u>

Overall Recommendation:

Recommended as Basal

Overall Strengths, Weaknesses, Comments:

- *ELL and Technology support, while referenced in the teacher's edition, are not available without receiving the gratis materials.
- *The readability of the text is above grade level, and includes excessive vocabulary in some sections.
- *The correlation of materials with state standards is questionably in areas, like for Big Idea 5, Biological Change.
- *Critical thinking questions in the student text are well written.
- *Students get the opportunity to see data represented in a variety of charts and graphs, and interpret that data.
- *Investigations are engaging, and include lots of helpful teacher tips.

CRITERIA

This basal resource				
A.	A. Encompasses KY Content Standards & Grade Level Expectations ☐ Strong Evidence ☐ Moderate Evidence ☐ Little or No Evidence			
		☐ Text is designed to be used in an elective course	outside the Program of Studies	
1) Includes the 7 Big Ideas of science to the following extent:				
	a)	Structure and Transformation of Matter	Strong ☐ Moderate ☐ Little ☐ N/A	
	b)	Motion and Forces	☐ Strong ☑ Moderate ☐ Little ☐ N/A	
	c)	The Earth and the Universe	Strong Moderate ☐ Little ☐ N/A	
	d)	Unity and Diversity	Strong ☐ Moderate ☐ Little ☐ N/A	
	e)	Biological Change	☐ Strong ☐ Moderate ☐ Little ☐ N/A	
	f)	Energy Transformation	Strong ☐ Moderate ☐ Little ☐ N/A	
	g)	Interdependence	☐ Strong ☑ Moderate ☐ Little ☐ N/A	

 Addresses content-specific enduring understandings from the related Program of Studies standards. 	☐ Strong ☑ Moderate ☐ Little ☐ N/A
Addresses content-specific skills and concepts from the related Program of Studies standards.	☐ Strong ☑ Moderate ☐ Little ☐ N/A
4) Content addressed is current, relevant and non- trivial	Strong ☐ Moderate ☐ Little ☐ N/A
5) Provides opportunities for critical thinking/reasoning	☐ Strong ☑ Moderate ☐ Little ☐ N/A
 6) Strengths, Weaknesses, Comments: Specific strengths-which areas/concepts are covered expecific weaknesses-which areas/concepts would likely 	
*Although correlations for the Kentucky Big Ideas ar correlations. For example, the correlation with Big Ideativities to support this where students are observir minerals. We found two pages of the student text result in the investigations fill in gaps in student text, with regard to some higher-level concepts are presented, which we curriculum (i.e. chemical changes, kinetic/potential examples with regard to motion and forces, we find no invest other than magnetism activities. Motion concepts are however. Student text is also heavily focused on sime the investment of the investigation weather phenomena, so the investigations are not thoroughly addressed; fee patterns. Good activities for weather phenomena, so the investigations are varied and congruent with the text. *Plant investigations are varied and congruent with the text. *Plant investigations are varied and congruent with the text. *The energy transformations section includes some confluence in the investigation are included investigations. *The energy transformations on interdependence are included in the investigations in the student text included in the investigations in the student text included in the investigations in the investigations predominantly investigations in the investigation in the inves	dea 5, Biological Change, lists ng and sorting rocks and testing leate to Standard 5. Indicate to Stan
B. Functionality & Suitability	Strong Evidence Moderate Evidence Little or No Evidence
1) Suitability	Strong
 Should be suitable for use with a diverse population and ethnicity, gender, religion, social and/or geographic envany kind. 	

2)	Content quality	Strong ☐ Moderate ☐ Little ☐ N/A
	 Free from factual errors Content is presented conceptually when possible—more Content included accurately represents the knowledge Theories/scientific models contained represent a broad 	base of the discipline
3)	Connections to Literacy Note: may apply to either student or teacher editions	☐ Strong ☑ Moderate ☐ Little
	 Employs a variety of reading levels and is grade/level at Contains pre, during, post reading activities Provides opportunities for summarizing, reviewing, and at multiple levels of difficulty for a variety of learning sty Student text provides opportunity to integrate reading at Uses vocabulary that is age and content appropriate Focuses on critical vocabulary vs. extensive lists Identifies key vocabulary through definitions in both text Engaging text- does the text facilitate learning? Does understanding the text require having performed 	reinforcing vocabulary skills and concepts reles. and writing t and glossary
4)	Connections to Technology	☐ Strong ☑ Moderate ☐ Little
	 Integrates technology and reflects the impact of technology uses technology in the collection and/or manipulation of 	
5)	Support for Diverse Learners	☐ Strong ☐ Moderate ☒ Little
	 Provides support for ESL students Provides support for differentiation of instruction in diversities in the Note: may apply only to teacher edition 	erse classrooms
6)	 Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out spe evaluation standards. 	cific strong examples for individual
*Vocabulary lists are extensive in some sections and may present frustration for this grade level (i.e. wavelength, trough, and crest in the sound section, leaf margin, netted and parallel veins in the plant classification.) *Teacher's edition contains a science reader support section with preview it, read it, and assess it questions. *A student glossary is included at the end of each section, and includes some pictures to help illustrate the concepts. *Test generator, the online science reader, eduplace.com website (simulations), National Geographic videos and an ELL handbook are referenced in the teacher's edition, but may only be available as gratis materials.		
).	Supports Inquiry and Skill Development	Strong Evidence

	Moderate Evidence Little or No Evidence
1) Promotes Inquiry, research and Application of Learning	☐ Strong ☑ Moderate ☐ Little
 Provides opportunities for inquiry and research that includes act topics, formulating authentic questions, gathering information, reinterviewing, and evaluating information, analyzing and synthesifindings and conclusions. Requires students to use higher-level cognitive skills (analysis, so Provides activities and projects for students to deepen their knows strengthen problem-solving and decision-making skills. Provides opportunities for application of learned concepts. Uses a variety of relevant charts, graphs, diagrams, time lines, a motivate students to engage in discussion, problem solving, and Emphasizes conceptual understandings that invite students to provide and extend ideas to support reasoning. Note: may apply to either teacher or student edition 	esearching resources, observing, izing data and communicating synthesis, evaluation, etc.) wledge and cultivate and and other illustrations to invite and other high-order thinking skills.
2) Skill Development	Strong
 Provides opportunities to make sense of data Provides opportunities for critical thinking and reasoning (analyz fact/opinion, recognize bias) Provides opportunities to examine a range of types of evidence Contains embedded activities (or extensions) that emphasize us solving Note: may apply to either teacher or student edition 	
3) Strengths, Weaknesses, Comments:	
*There are not many opportunities for self selected inquiry investigations. *Diverse use of graphical representations of data. *Critical thinking questions are included at the end of each section in the student book. Students are asked to interpret a variety of data.	
D. Supports Best Practices of Teaching and Learning	Strong Evidence Moderate Evidence Little or No Evidence
1) Engages Students	Strong

- Includes content geared to the needs, interests, and abilities of students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the

appropriate learning levels

 Activities are truly congruent to the concepts addressed, not merely correlated Note: may apply to either teacher or student edition 2) Uses Assessment to Inform Instruction • Includes multiple means of assessment as an integral part of instruction Provides evaluation measures in the teacher edition that supports differentiated learning activities • Embedded assessments reflect a variety of Depth of Knowledge levels Note: may apply to either teacher or student edition 3) Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards *Investigations include a variety of high interest activities. *Assessments include questions of various DOK levels. Has an Organization/ Format that Supports Learning and **Strong Evidence Moderate Evidence** Teaching Little or No Evidence 1) Organizational Quality • Print and/or electronic materials present minimal barriers to learners • Presents chapters/lessons in an organized and logical sequence Provides clearly stated objectives for each lesson. • Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability. • Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components) as either student or teacher resources Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards. Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively • Uses grade-appropriate type size Included media are durable, easy to use and have technical merit • Construction appears to be durable and able to withstand normal use 2) Essential Components (beyond student and teacher text) ☐ Strong ☐ Moderate ☐ Little Items identified as essential components support the learning goals and concept coverage of the basal 3) Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

*Organization of student text uses appropriate text features to clue students to

vocabulary, includes an illustrated glossary in each section.

- *Student objectives are stated in teacher's edition.
- *Teacher's edition section on supporting the science reader does not include a copy of all student pages of the text
- *The essential components alone (without the gratis materials) are weak in technology and ELL support.
- *Be aware that some investigations (for example, electricity, light, and life science investigations) involve the use of materials that may not commonly be found in elementary classrooms (i.e. solar cells, electric motors, diffraction materials, living materials).

F. Has available Ancillar	y/ Gratis Materials
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Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

\boxtimes	Strong Evidence
	Moderate Evidence
	Little or No Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- · Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving

2) Strengths, Weaknesses, Comments:

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

*Illustrated vocabulary cards, independent and leveled readers, ELL support, a test generator, student workbook and study guide, and express lab (5 min. lab ideas) that are included would be very helpful.

*The blackline masters for the investigations are in the gratis materials. Be sure you get those if you select this basal!